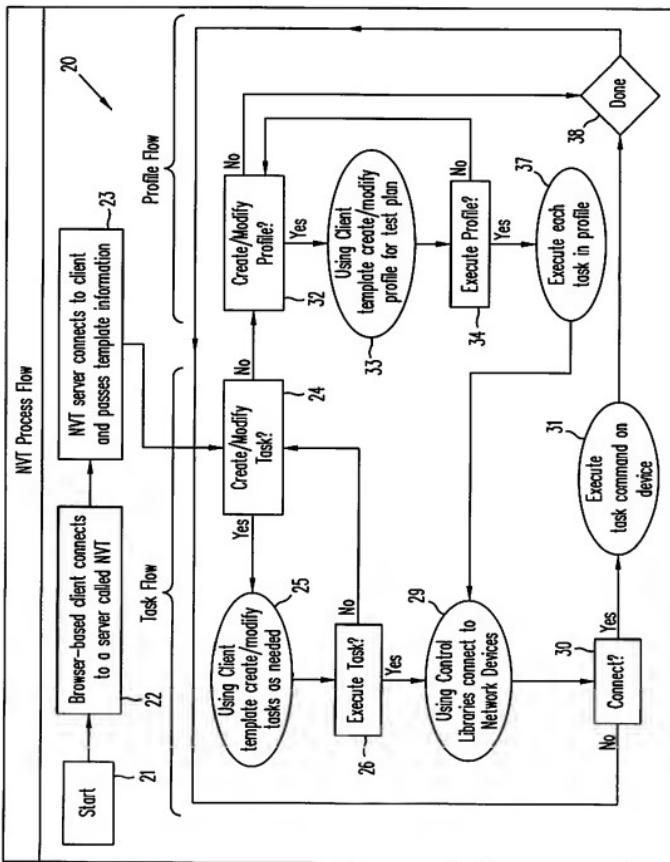


FIG. 2



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50 → Task Settings

Task Name	Test No. 1	57
Task Description	Example of Traffic Generator Task	58
Device and Interface	R3-Progeny: Ethernet 0	59

51

52 → Traffic Stream Type

Protocol	P	60
Media-Ethernet	Ethernet-ARPA	61

53 → Traffic Stream Settings

<input checked="" type="checkbox"/> Traffic Stream Status	63	
Rate (PPS)	100	64
Length (bytes)	400	65
<input type="checkbox"/> Burst Donation	Random	to 1000 by 0
66	Low Range ON	600
68	Low Range OFF	500
High Range ON	1200	
High Range OFF	600	

54 → Ethernet-ARPA header

Destination	00:00:00:03:02:3A	Constant	△	to	00:00:00:00:00:00	by	00:00:00:00:00:00
Source	00:00:FF:00:28:54	Constant	△	to	00:00:00:00:00:00	by	00:00:00:00:00:00
Protocol	0800	Constant	△	to	0000	by	0000

FIG. 3A

FIG. 3B

Key To

FIG. 3

FIG. 3A

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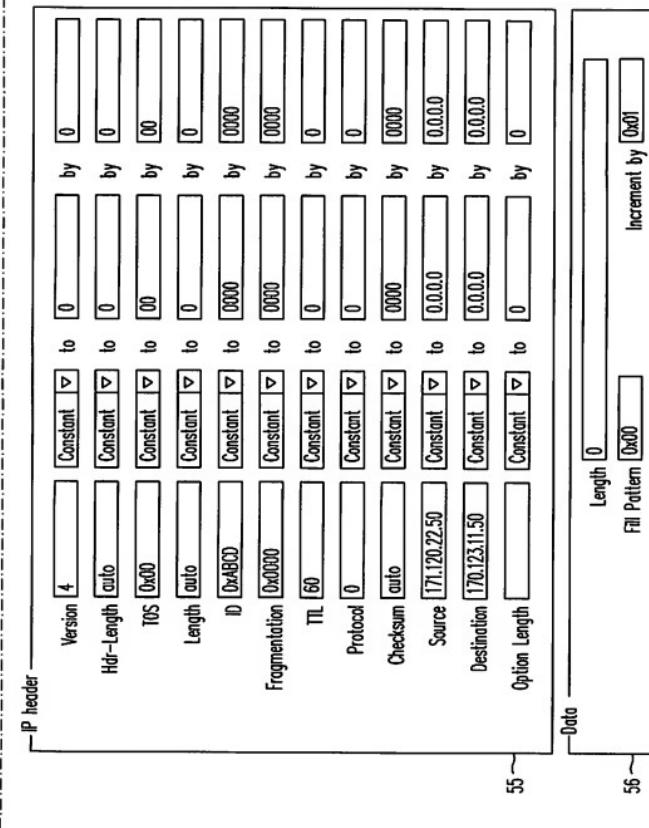


FIG. 3B

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FIG. 4

Task Settings	
104	Task Name <input type="text"/> 101 Task Description <input type="text"/> 102 Device and Interface R5-Progenit-00: Ethernet 1 <input checked="" type="checkbox"/> 103
Capture Buffer Settings	
105	Name <input type="text"/> 106 Size <input type="text"/> 1000 Type Circular <input checked="" type="checkbox"/> 108
Packet Filter Settings	
<input checked="" type="checkbox"/> Active 110	Mode Capture <input checked="" type="checkbox"/> 111 Direction In <input checked="" type="checkbox"/> 112 Protocol IP <input checked="" type="checkbox"/> 113 <input type="checkbox"/> Packet Size 114 Length 0 <input type="text"/> 115 Limit 00 <input type="text"/> 116

100 →

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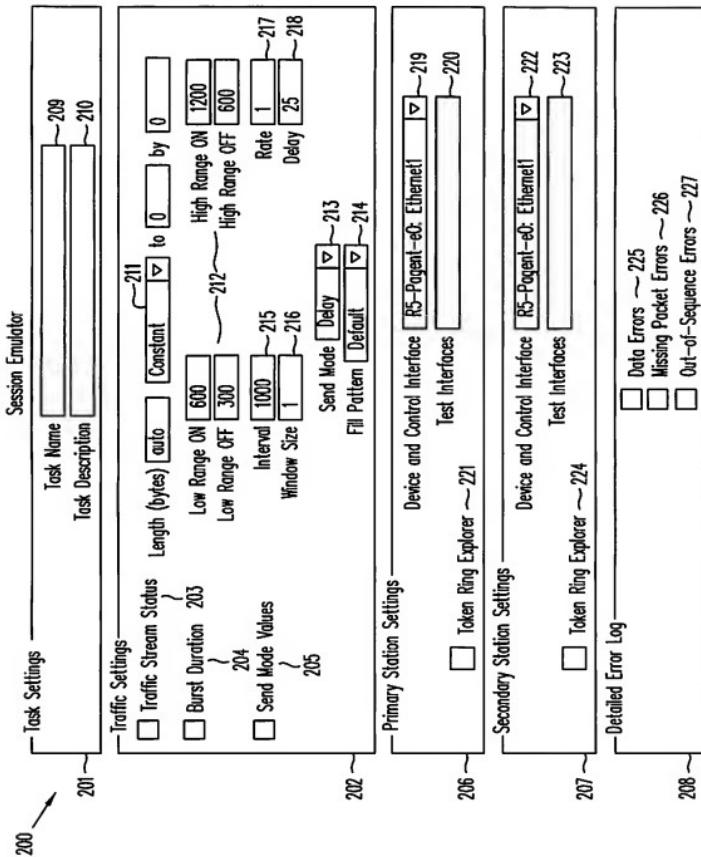


FIG. 5A

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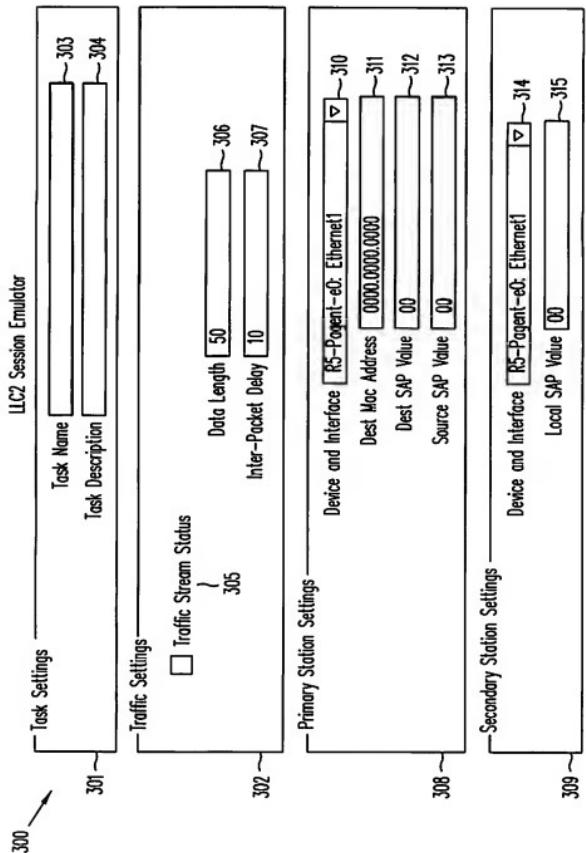


FIG. 5B

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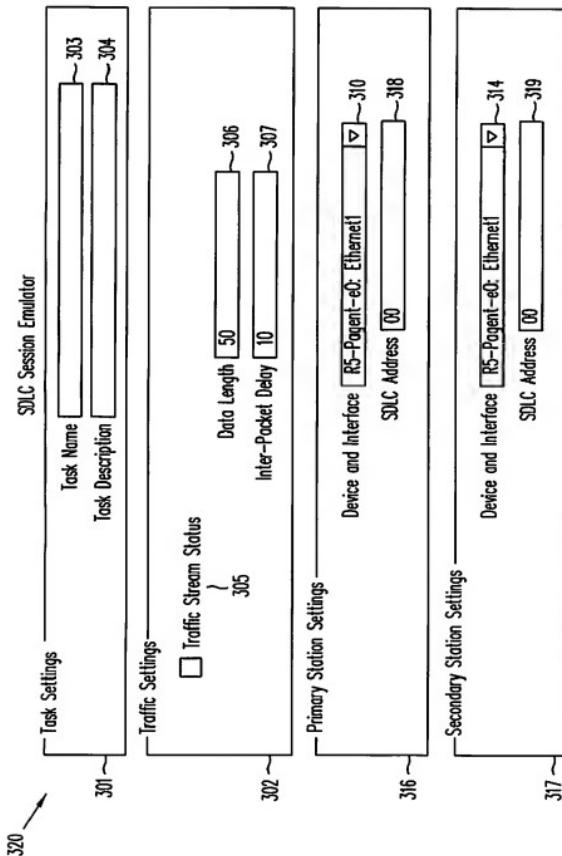


FIG. 5C

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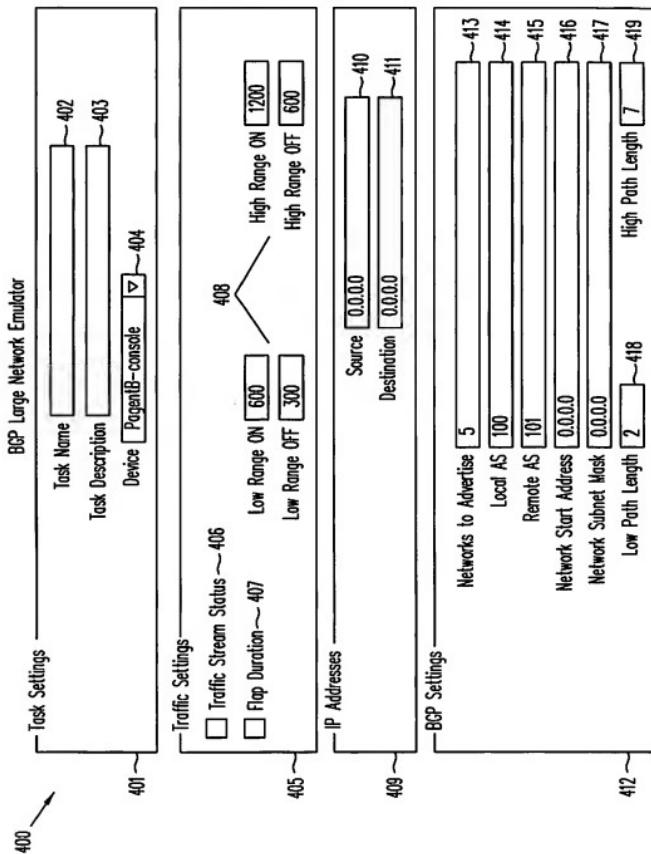


FIG. 6A

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420

EIG. Large Network Emulator

Task Settings

401

Task Name []—402

Task Description []—403

Device PagentA-console ▼—404

Traffic Stream Settings

Traffic Stream Status—406

Flap Duration—407

405

Low Range ON [600]

408

High Range ON [1200]

Low Range OFF [300]

High Range OFF [600]

IP-EIGRP Settings

421

Source [0.0.0.0]—423

Local AS [100]—424

Networks to Advertise [5]—425

EIGRP Network Settings

422

Addresses Per TLV [5]—426

Network Start Address [0.0.0.0]—427

Network Subnet Mask [0.0.0.0]—428

Low Hop Count [2]—429

High Hop Count [7]—435

Low Delay Per Hop [50]—430

High Delay Per Hop [200]—436

Low Bandwidth [50]—431

High Bandwidth [2000]—437

Low MTU [500]—432

High MTU [10000]—438

Low Reliability [1]—433

High Reliability [200]—439

Low Load [1]—434

High Load [200]—440

Exterior EIGRP Settings

441

Router ID [1.1.1.1]—442

Remote AS [101]—443

Admin Tag [0]—444

External Protocol [0]—445

External Protocol Metric [0]—446

Flag Value [0]—447

FIG. 6B

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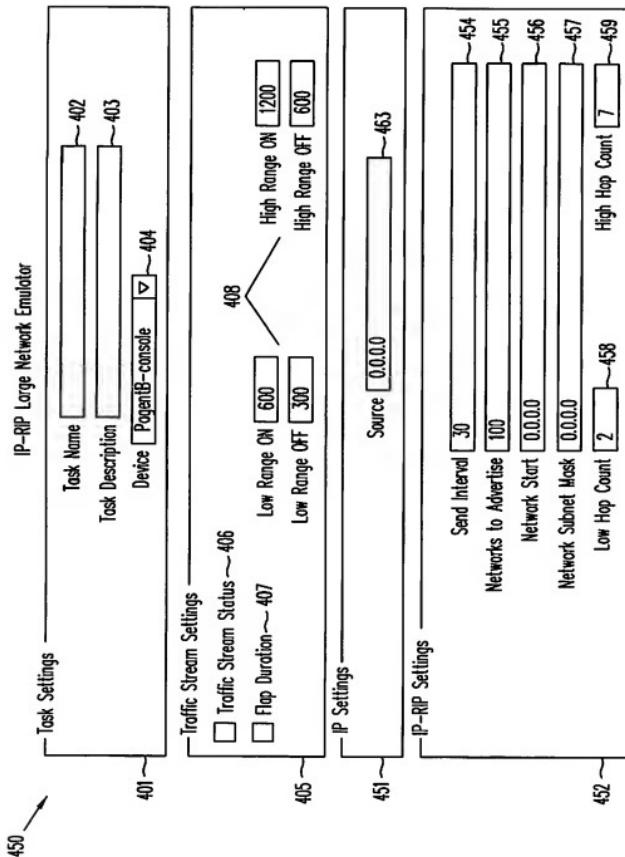


FIG. 6C

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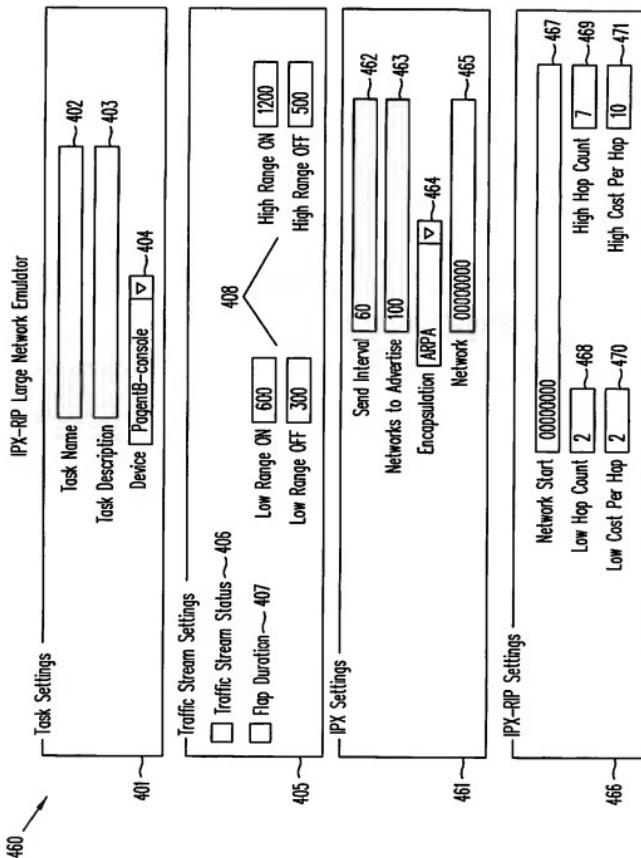


FIG. 6D

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OSPF Large Network Emulator

Task Settings

Task Name	402	
401	Task Description	403
Device	PagentB-console	404

Traffic Settings

<input type="checkbox"/> Traffic Stream Status	406					
<input type="checkbox"/> Flap Duration	407	Low Range ON	600	408	High Range ON	1200
405	Low Range OFF	300	High Range OFF	600		

IP Settings

476	Source	0.0.0.0	477
-----	--------	---------	-----

OSPF Settings

478	Router ID	1.1.1.1	479			
Area	0.0.0.0	480				
Network	101	481				
Stub Networks	5	482				
Clusters	2	483				
486	Rows Per Cluster	2	484	Columns Per Cluster	7	485

Summary Links

Number of Links	100	487	Router Index	5	488
Network Start	0.0.0.0	489	Subnet Mask	0.0.0.0	490

External Links

491	Number of Links	100	492	Router Index	2	493
Network Start	0.0.0.0	494	Subnet Mask	0.0.0.0	495	

FIC. 6E

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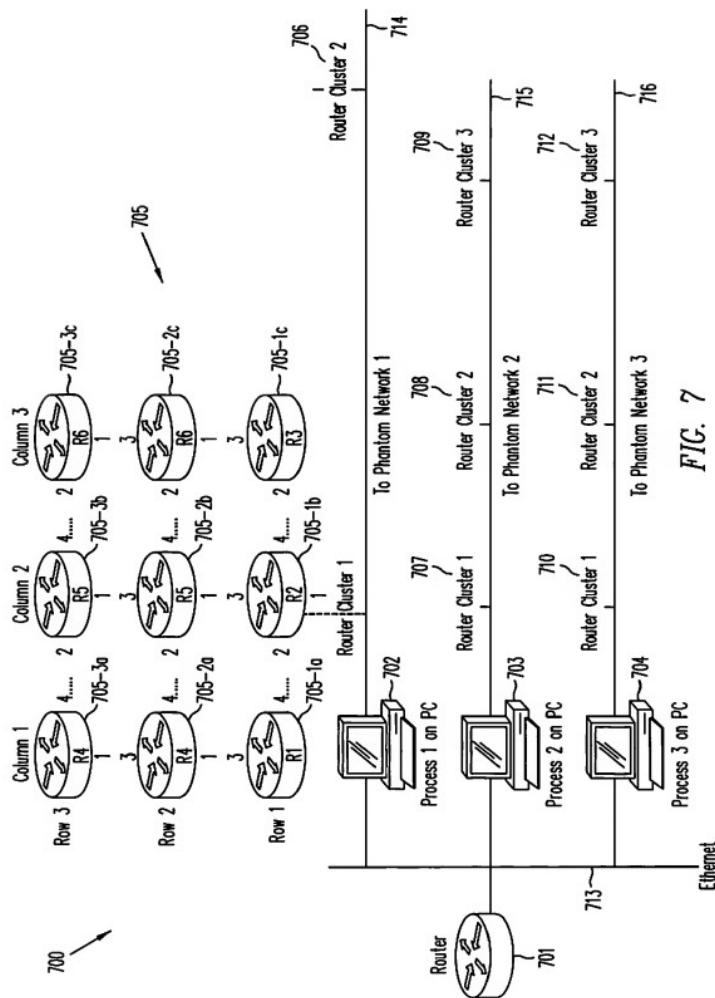


FIG. 7

800

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Task Settings

Task Name ~803

Task Description ~804

Device R6-7507 ~805

Query Settings

Times to Query 1 ~806

Delay between Queries 1 ~807

Save results to ~808 Filename filename.dat ~809

FIG. 8A

Status Information

| | Neighbors ~811 | | Summary ~820

| | CIDR ~812 | | Inconsistent AS ~821

| | Path ~813 | | Dampened Paths ~822

| | Peer Groups ~814 | | Flap Statistics ~823

Network ~815 0.0.0 ~824

Community Number ~816 0 ~825

Community List ~817 0 ~826

Filter List ~818 0 ~827

Regular Expression ~819 0 ~828

FIG. 8B

7
810

Status Information

| | Neighbors ~830 | | Interface ~832

| | Traffic ~831 | | Topology ~833

FIG. 8C

7
829

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Status Information

Border Routers ~ 835	Database ~ 838	
Interface ~ 836	Neighbors ~ 839	
Summary Address ~ 837	Virtual Links ~ 840	
	<u>834</u>	
<input type="checkbox"/> Request List ~ 850	851	
Neighbor Router ID	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1.1.1.1</td></tr></table>	1.1.1.1
1.1.1.1		
	852	
<input type="checkbox"/> Retransmission List ~ 853	854	
Neighbor Router ID	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1.1.1.1</td></tr></table>	1.1.1.1
1.1.1.1		
	855	
Interface	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td></tr></table>	
Interface	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td></tr></table>	

FIG. 8D

Traffic Information

Activity Level ~ 857	Counters ~ 859
Send Parameters ~ 858	Burst Parameters ~ 860

856

Status Information

Primary ~ 862	Secondary ~ 865
Active Protocols ~ 863	Interface Status ~ 866
IP ~ 864	MAC ~ 867

861

Traffic Information

<input type="checkbox"/> Activity Level ~ 869	<u>868</u>
---	------------

FIG. 8E

FIG. 8F

Status Information

Capture Summary ~ 871	Interface Summary ~ 880
IP Address ~ 872	MAC Address ~ 881
Capture Counts ~ 873	Fast Counts ~ 882
Buffer Status ~ 874	Filter Status ~ 883

870

- Network ~ 875
- Community Number ~ 876
- Community List ~ 877
- Filter List ~ 878
- Regular Expression ~ 879

0.0.0.0	884
0	885
0	886
0	887
0	888

FIG. 8G

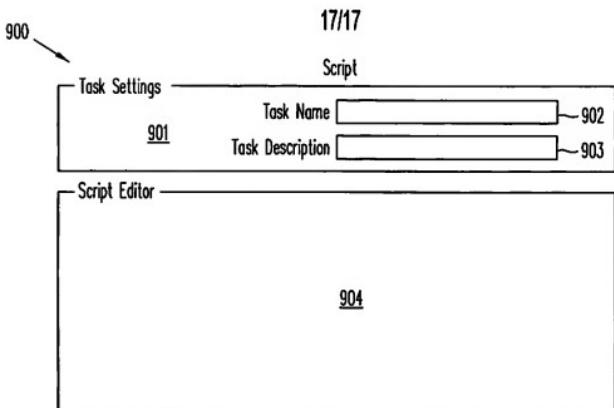


FIG. 9

910

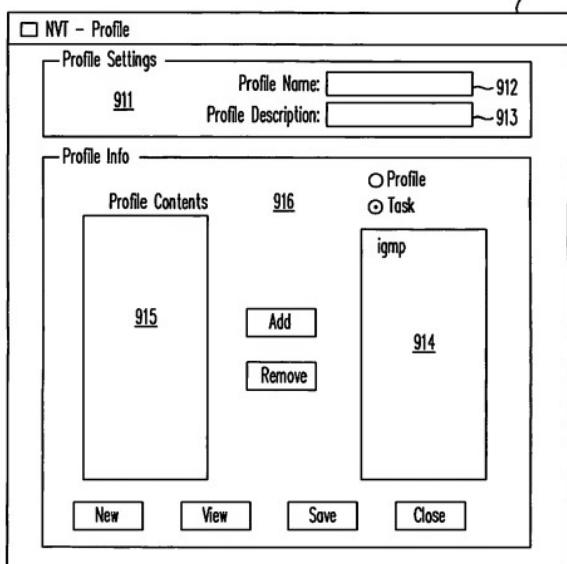


FIG. 10